Specifications — IPI 201 Series and IPI 204 Series

Audio

Speaker .... 1.4" (35.6 mm), 1-way, indoor

Frequency response

    Line level output .... 20 Hz to 3.3 kHz, ±1 dB

    Speaker output .... 300 Hz to 3.3 kHz, -10 dB

Nominal sensitivity/IPI speaker output level

    80 dB SPL, 300 mW, 3' (1 m)

Processing

    Audio format .... PCM, μ-law companded

    Sampling rate..................... 8 kHz

    Sample size........................ 16 bit, μ-law companded to 8 bit

    Audio latency.................... <100 ms

Audio input

Number/signal type..................... 1 mono, via integrated electret microphone

Microphone gain .... -30 dB to 0 dB, adjustable in 2 dB steps

NOTE *0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu*

Audio output

Number/signal type..................... 2 mono: 1 via audio output port, 1 via IPI speaker

Line level output .... -10 dBV (316 mVrms), balanced/unbalanced (via 3.5 mm captive screw
connector, 3 pole)

Amplified speaker output............ 300 mW, continuous, 1% THD

Ethernet control interface

Ethernet control/communications port

    1 RJ-45 female connector

Ethernet data rate/transport bandwidth

    80 kbps

Communications type .... Half duplex

Ethernet protocol.......................... TCP/IP (control), UDP (port 3121, audio), Telnet

Default settings............................. Link speed and duplex level: autodetected
IP address = 192.168.254.254
Subnet mask = 255.255.0.0
Default gateway = 0.0.0.0
DHCP = off

Program control............................ Extron's control/configuration program for Windows®
Extron's Simple Instruction Set (SIS™)
Microsoft® Internet Explorer ver. 6 or higher, Telnet

Control — relay

Number/type .... 1 momentary or latching (configurable)

Connector .... (1) 3.5 mm captive screw connector, 2 pole, C (common) and NO (normally
open) for configurable relay output

Contact rating .... 24 V, 1 A
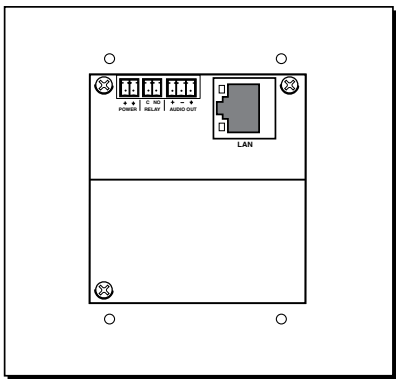
General

External power supply .... 100 VAC to 240 VAC, 50/60 Hz, external; to 12 VDC, 2 A, regulated

Power input requirements........... +12 VDC, 0.25 A

Temperature/humidity................ Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing

Mounting

    Rack mount .... Yes, with optional faceplate and rack mounting kit

    Furniture mount................ Yes, furniture- and wall-mountable with optional faceplate and mounting kits
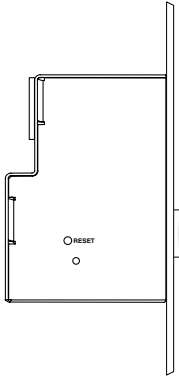
Enclosure type .... Metal faceplate
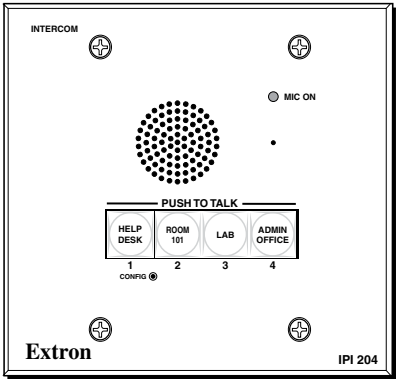
Enclosure dimensions

    IPI 201, IPI 204 faceplate... 4.5" H x 4.6" W x 0.1" D (11.4 cm H x 11.7 cm W x 0.3 cm D)
    (fits some 2 gang boxes)

    IPI 201 AAP, IPI 204 AAP faceplate
        2.8" H x 3.5" W x 0.1" D (7.1 cm H x 8.9 cm W x 0.3 cm D)
        (four space AAP plate)

    Device .... 2.8" H x 2.7" W x 1.85" D
        (6.9 cm H x 6.6 cm W x 4.9 cm D)
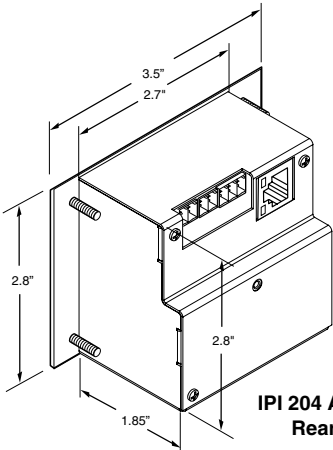   (Depth excludes buttons. Allow at least 2.25" (5.5 cm) depth in the wall/furniture.)
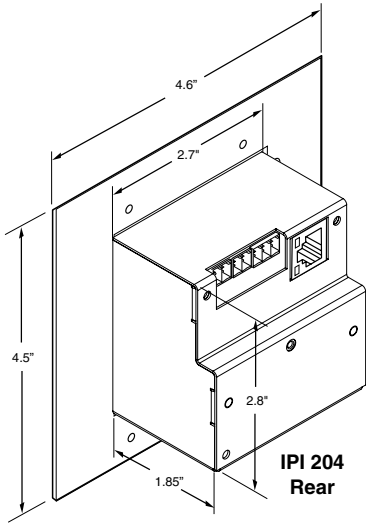

IPI 204 Rear **Left Side** **Front**

IPI 204 AAP Rear **IPI 204 Rear**

Product weight .... 0.5 lbs (0.2 kg)

Shipping weight .... 3 lbs (1 kg)

Vibration .... ISTA 1A in carton (International Safe Transit Association)

Regulatory compliance

    Safety .... CE, CUL, UL

    EMI/EMC .... CE, C-tick, FCC Class A, ICES, VCCI

MTBF .... 30,000 hours

Warranty .... 3 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*

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